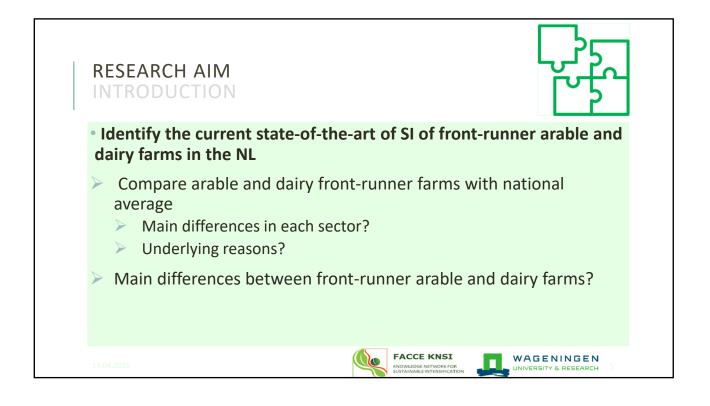
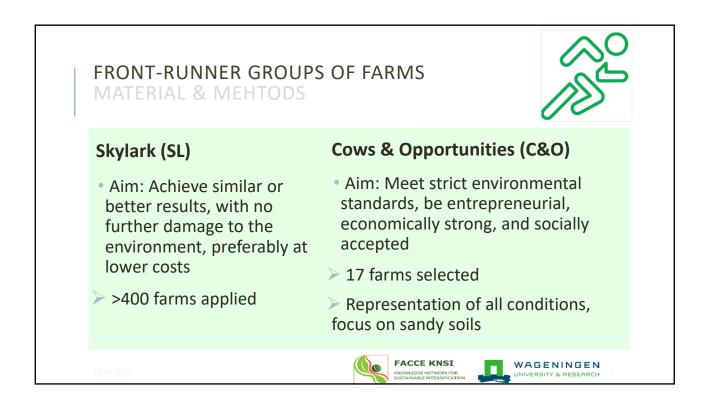
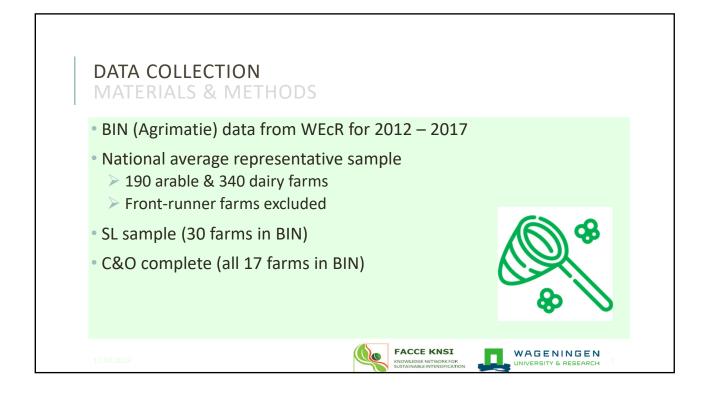
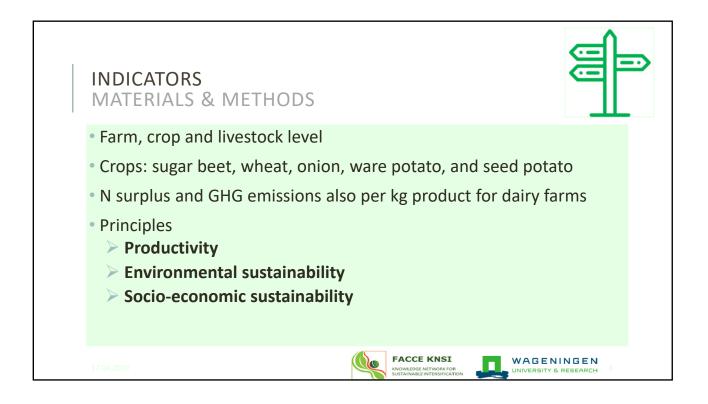


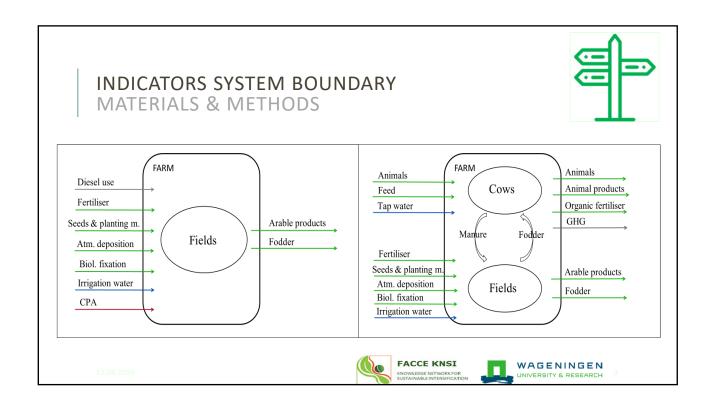
Country - organisationArableDairy farmingBeef productionSheepUK++++Ireland - Teagasc+++Ireland - University College Dublin+Finland - Natural Resources Institute (Luke)+++The Netherlands - WUR++-Denmark - Aarhus University++-	NVENTORY NTRODUCTION					
Country - organisationArablefarmingproductionSneepUK++++Ireland - Teagasc+++Ireland - University College+++Dublin+Finland - Natural Resources+++Institute (Luke)+++The Netherlands - WUR++-Denmark - Aarhus University+++						
Ireland - Teagasc       +       +       +         Ireland - University College       +       +         Dublin       +       +       +         Finland - Natural Resources       +       +       +         Institute (Luke)       +       +       +         The Netherlands - WUR       +       +       +         Denmark - Aarhus University       +       +       +	Country - organisation	Arable	-		Sheep	
Ireland - University College       +         Dublin       +         Finland - Natural Resources       +       +         Institute (Luke)       +       +         The Netherlands - WUR       +       +         Denmark - Aarhus University       +       +	UK	+	+	-	+	
Dublin       +         Finland - Natural Resources       +       +         Institute (Luke)       +       +         The Netherlands - WUR       +       +         Denmark - Aarhus University       +       +	Ireland - Teagasc	+	+	+		2005
Institute (Luke) + + + The Netherlands - WUR + + Denmark - Aarhus University + + +				+		
The Netherlands - WUR     +     +       Denmark - Aarhus University     +     +		+	+	+		
		+	+			
	Denmark - Aarhus University	+	+	+		
<ul> <li>Focus on The Netherlands: arable and dairy farming</li> </ul>	• Focus on The Nethe	rlands: a	rable and	l dairy farm	ning	<b>.</b>









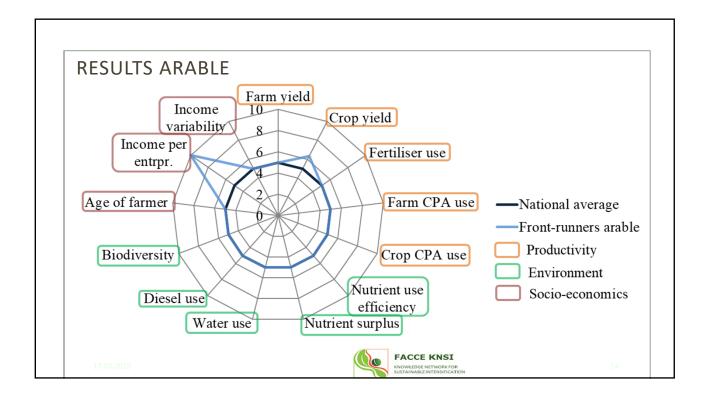


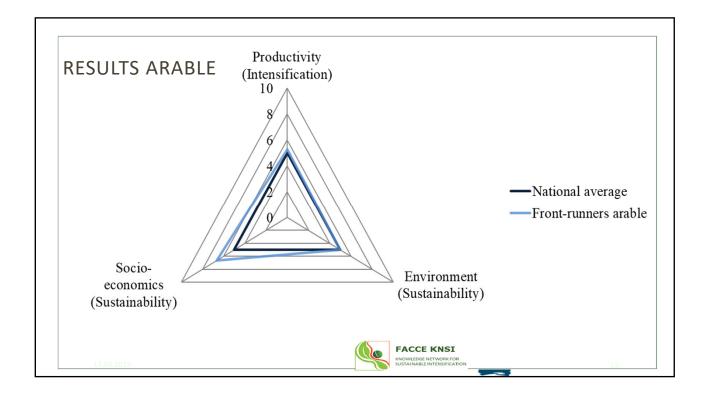
		PRODUCTIVITY METHODS				Ð
Aspect S	I Principle	Indicator	Unit ara	ble farms	Unit dai	ry farms
Aspect 5		marcator	Crop	Farm	Livestock	Farm
=		Yield	kg/ha	€/ha	kg & €/ha	€/ha
Intensi- fication	duc ity	Fertiliser use	-	kg/ha	-	kg/ha
nte ica	roc	CPA use	EIP/ha	EIP/ha	-	-
		Feed costs	-	-	-	€/ha
• Farm l	evel yield as	the revenues per ha				
• Livesto	ock level yiel	d in revenues & kg m	ilk per ha			
17.04.20	19				WAGENINGE	1.0

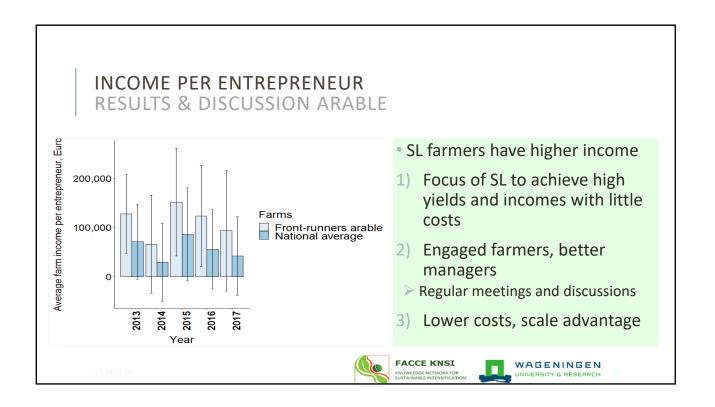
		ENVIRONMENT				P
Aspect SI	Principle	Indicator		able farms		iry farms
risp <b>ee</b> t sr	1 morpro	indicator	Crop	Farm	Livestock	Farm
		Nutrient use efficiency	-	kg/kg	-	kg/kg
ity	ant	Nutrient surplus	-	kg/ha	kg/kg	kg/ha
Sustainability	Environment	Water use (efficiency)	-	m <sup>3</sup> /ha	kg/m <sup>3</sup>	€/m <sup>3</sup>
ina	uo.	GHG emissions	-	-	CO <sub>2</sub> eq/kg	CO <sub>2</sub> eq/ha
sta	vir	Feed self-sufficiency	-	-	-	%
Suc	En	Diesel use	-	GJ/ha	-	-
		Biodiversity	-	#	-	%
Feed self-	sufficiency	as the share of maize	e and gra	ss in total f	eed intake	2
Biodiversi	ty as agro-	-diversity and cutting	percenta	ge of grass	land	
			FACCE K	NSI	VAGENINGE	N

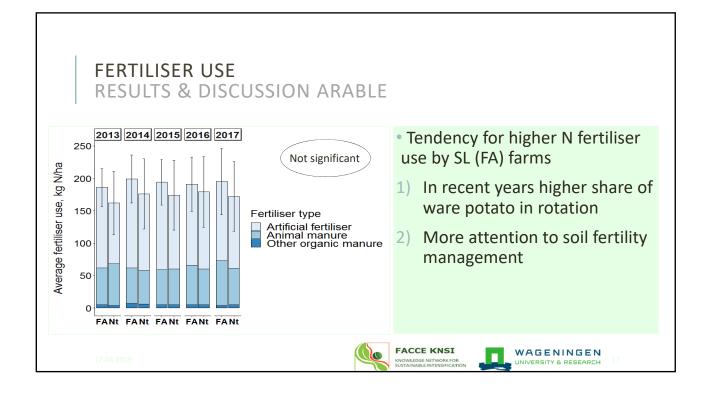
		SOCIO-ECONOMI & METHODS	CS			₽
Aspect SI	Principle	Indicator	Unit ara	ble farms	Unit dai	ry farms
Aspect 51	Thepte	malcator	Crop	Farm	Livestock	Farm
- <b>x</b>		Preservation of grazing	-	-	-	#
tai		Income per entrepreneur	-	€/uawu	-	€/uawu
Sustai- nability	Socio- Econo mics	Income variability	-	(€/uawu) <sup>2</sup>	-	(€/uawu) <sup>2</sup>
<b>9</b> 2 E	N H H	Age farmer	-	years	-	years
<sup>2</sup> unpaid annual v	vork unit					
•Animal we	lfare exclu	ided from assessment				
Preservat	ion of graz	ing as the no. of grazi	ng days p	er year		
17.04.201	Э		FACCE KN KNOWLEDGE NETW SUSTAINABLE INTEN		WAGENINGI UNIVERSITY & RESEA	EN RCH 12

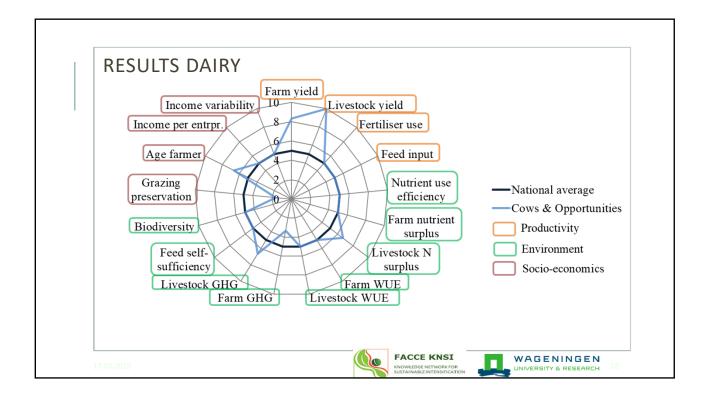
<b>DATA ANALYSIS</b> MATERIALS & METHOD	)S		
<ul> <li>ANOVA: * if p&lt;0.05, ** if p</li> <li>Radar charts</li> <li>Scaling based on level of compared to national aver</li> </ul>	significant differen	ce of front-r	
•		•	
<ul> <li>Principle level</li> <li>Equal weighing</li> </ul>	Level of significance	If "better"	If "worse"
Principle level		•	
> Principle level	Level of significance	<b>If "better"</b> 5.00	<b>If "worse"</b> 5.00
Principle level	Level of significance n.s. *	<b>If "better"</b> 5.00 6.67	If "worse" 5.00 3.33

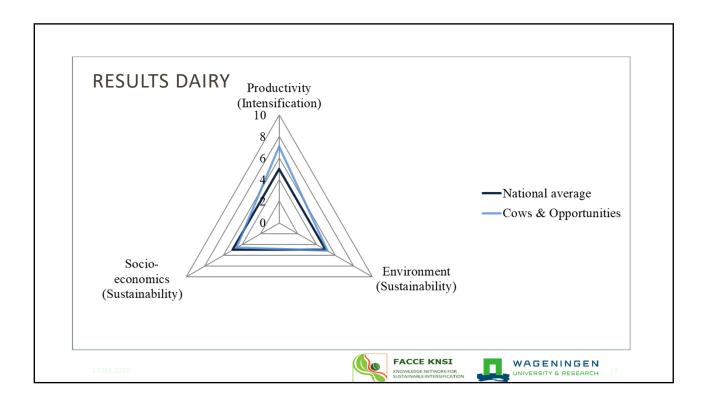


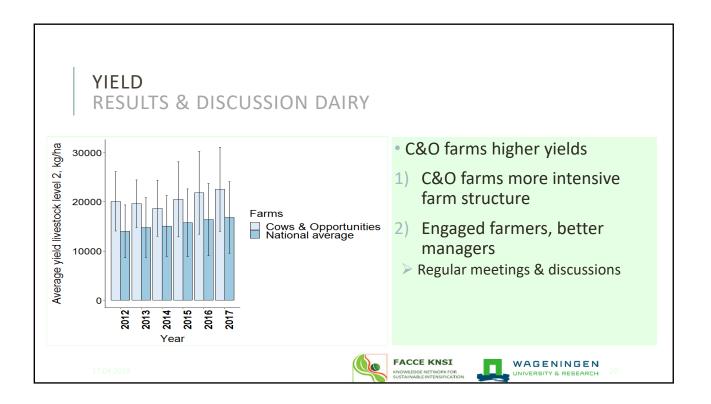


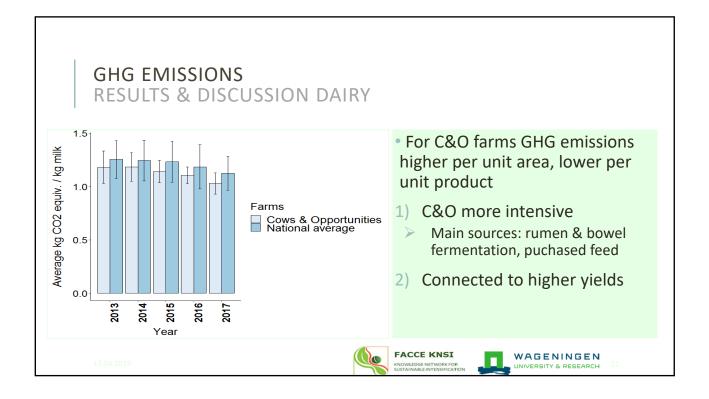




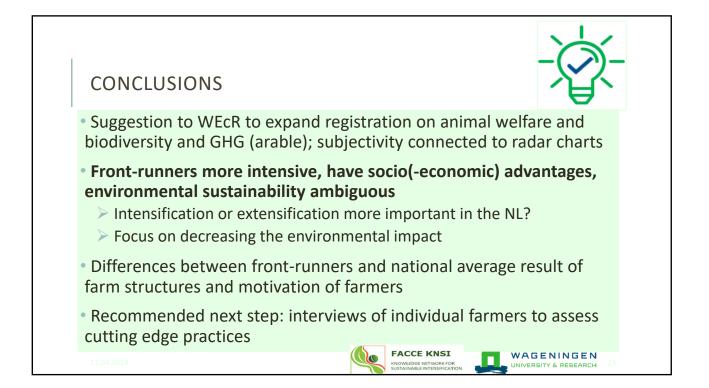














Group	2012	2013	2014	2015	2016	2017
VL	-	25	30	33	33	33
C&O	15	15	16	16	16	18
National average arable	-	192	196	191	193	191
National average dairy	347	343	330	344	355	350

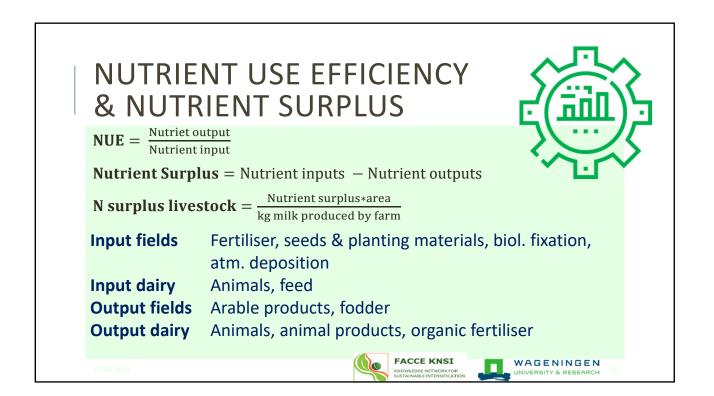
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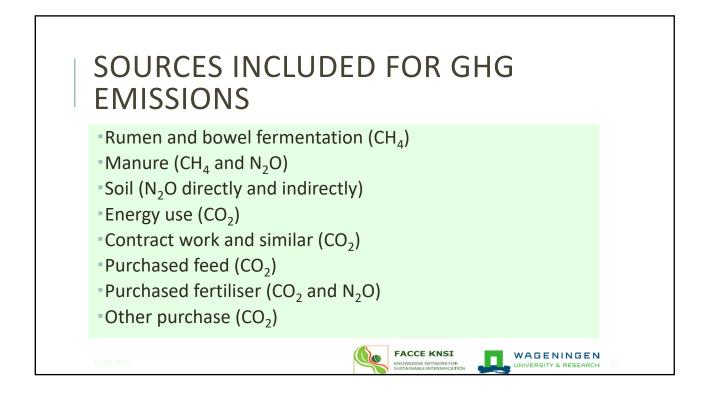
FACCE KNSI

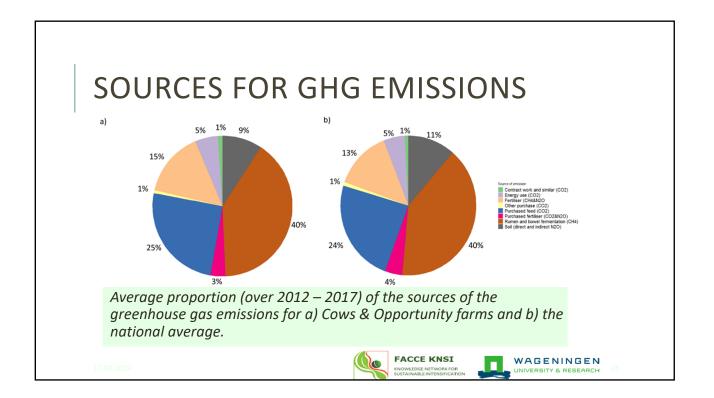
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